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Dec 21, 2001

PUB-NO: JP02001350677A

DOCUMENT-IDENTIFIER: JP 2001350677 A

TITLE: COMMUNICATION MONITORING AND INSPECTING SYSTEM UTILIZING META-INFORMATION,
COMMUNICATION MONITORING AND INSPECTING METHOD, AND RECORDING MEDIA WITH THESE
METHODS RECORDED THEREON

PUBN-DATE: December 21, 2001

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APPL-NO: JP2000168797

APPL-DATE: June 6, 2000

INT-CL (IPC): G06 F 13/00; H04 B 17/02; H04 L 12/54; H04 L 12/58

ABSTRACT:

PROBLEM TO BE SOLVED: To guarantee the contents and attributes of communications and monitor and inspect communications when transmitting and receiving information by communications.

SOLUTION: When a WWW browser 1 transmits an HTTP(horizontal tabulation test program) message to a meta-information management gateway 3, the secret and information opened to the public on communication contents and attributes is transmitted. The meta- information management gateway 3 generates meta-information from this information, make the meta-information not opened to the public correspond to meta-information opened to the public, stores them on a database, adds the meta-information opened to the public to the HTTP message, and transmits them to an information management gateway 4. The meta-information management gateway 4 verifies the meta-information opened to the public, stores it on a database, removes the meta-information opened to the public from the HTTP message, and transmits it to a WWW server 2. If there is a problem on the communication contents and attributes, an inquiry is sent to the meta-information management gateway 3 with the meta-information opened to the public, and a transmitter or the like is specified from the corresponding meta-information not opened to the public.

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